

←TOOLS→

ARROW TOOLS

Arrow Forging and Tool Works
514 Laflin Street. Chicago

ARROW FORGING AND TOOL WORKS



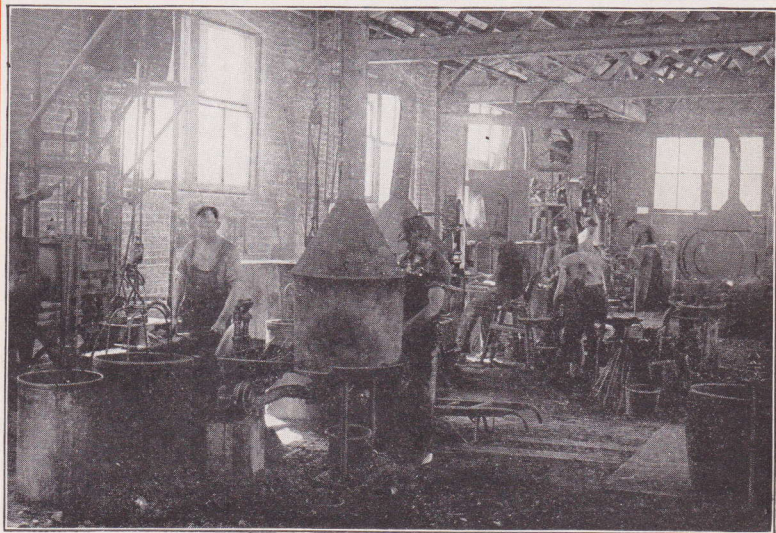
514 LAFLIN STREET
CHICAGO · ILLINOIS
TELEPHONE HAYMARKET 7447

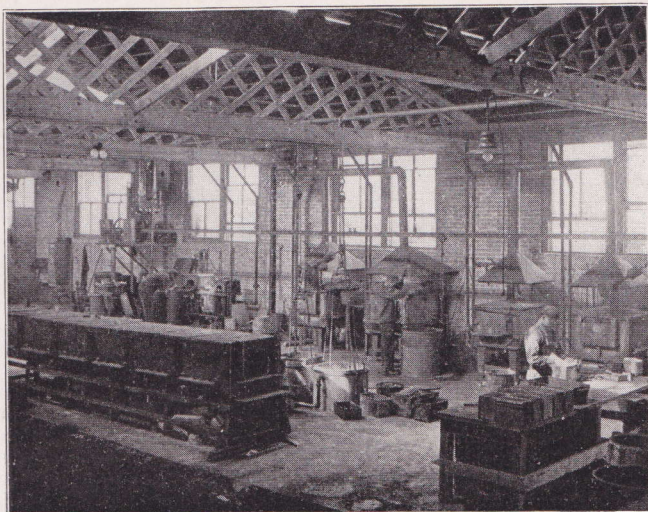
FOREWORD



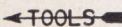
IF ARROW TOOLS wear twice as long as ordinary kinds—and they are guaranteed to do so—a double economy is effected, viz.: *Tool requirements are cut in half. Production is increased through time saved.*

High grade material, considerable hand work, involving slow processes and extreme care, all combine to make ARROW TOOLS higher in price, but any careful test will demonstrate that they are worth the price.





*G*UARANTEE

ARROW TOOLS stamped with our registered trade mark, viz.:  are aimed to lower production costs, by saving time, minimizing accidents as well as tool requirements, and if any purchaser after trial decides that they will not do these things, we will refund the purchase price upon return of the tools, provided only, that they have not been in the fire for redressing.

This Catalogue, issued March 1, 1920, supersedes previous ones. Prices and discounts are subject to change without notice. Terms: 30 days net, F.O.B. Chicago



Pneumatic Flat Chisels

No. 101

Furnished in Round, Hexagon or Differential Shank.
In Ordering Please Specify Hammer Used, Size of Stock
and Shank Desired.



40-30%

Size Stock

Dozen

Gross

3/4

7.98

\$19.00

.66 1/2 ea

\$206.40

7/8 X 10

9.66

23.00

9.66 doz

252.00

18.8 doz
73 1/2 ea

80 1/2 ea
Ours Round - 82 ea
Hex 88 ea
7/8 X 10

Pneumatic Cape Chisels

No. 102

Furnished in Round, Hexagon or Differential Shank.
In Ordering Please Specify Hammer Used, Size of Stock
and Shank Desired.



40-25%

Size Stock

Dozen

Gross

3/4

9.00

\$20.00

.75 ea

\$216.00

7/8

11.16

24.80

11.16 doz

268.80

10.98 doz
84 ea

93 1/4 ea
Ours Round 90 1/4
Hex 96 1/4
7/8 X 10

Pneumatic Round Nose Chisels

No. 103

Furnished in Round, Hexagon or Differential Shank.
In Ordering Please Specify Hammer Used, Size of Stock
and Shank Desired.



Size Stock		Dozen	Gross
$\frac{3}{4}$	9.00	\$20.00 .75 ea	\$216.00
$\frac{7}{8}$	11.16	24.80 .93 ea	268.80
Round - 90 144 96			

Pneumatic Diamond Point Chisels

No. 104

Furnished in Round, Hexagon or Differential Shank.
In Ordering Please Specify Hammer Used, Size of Stock
and Shank Desired.



Size Stock		Dozen	Gross
$\frac{3}{4}$	9.00	\$20.00 .75 ea	\$216.00
$\frac{7}{8}$	11.16	24.80 .93 ea	268.80
Ours round 90 144 96			

Pneumatic Rippers

No. 105

Furnished in Round or Differential Shank.
In Ordering Please Specify Hammer Used, Size of Stock
and Shank Desired.

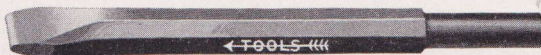


Size Stock		Dozen	Gross
3/4	9.90	\$22.00 .82 1/2 ea	\$240.00
7/8	11.93	26.50 .99 1/3 ea	288.00

Pneumatic Fullers

No. 106

Furnished in Round or Differential Shank.
In Ordering Please Specify Hammer Used, Size of Stock
and Shank Desired.



Size Stock		Dozen	Gross
3/4	9.00	\$20.00 .75 ea	\$216.00
7/8	11.16	24.80 .93 ea	268.80

Pneumatic Beading Tools

No. 107

Furnished in Round or Differential Shank.
In Ordering Please Specify Hammer Used, Size of Stock
and Shank Desired.

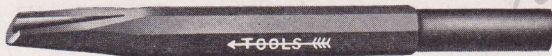


Size Stock	Dozen	Gross
$\frac{3}{4}$	11.25 \$25.00 .93 $\frac{3}{4}$ ea.	\$264.00
$\frac{7}{8}$	12.38 27.50 1.03 $\frac{1}{6}$ ea.	300.00

Pneumatic Gouges

No. 108

Furnished in Round or Differential Shank.
In Ordering Please Specify Hammer Used, Size of Stock
and Shank Desired.

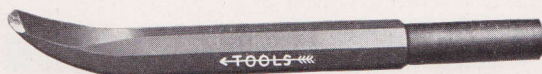


Size Stock	Dozen	Gross
$\frac{3}{4}$	9.90 \$22.00 .82 $\frac{1}{2}$ ea.	\$240.00
$\frac{7}{8}$	11.93 26.50 .99 $\frac{1}{3}$ ea.	288.00

Pneumatic Frenchmen

No. 109

Furnished in Round or Differential Shank.
In Ordering Please Specify Hammer Used, Size of Stock
and Shank Desired.



Size Stock	Dozen	Gross
3/4	10.56 \$22.00 .88 ea.	\$240.00
7/8	12.72 26.50 1.06 ea.	288.00

Pneumatic Roughing Tools

No. 110

Furnished in Round or Differential Shank.
In Ordering Please Specify Hammer Used, Size of Stock
and Shank Desired.



Size Stock	Dozen	Gross
3/4	12.00 \$25.00 1.00 ea.	\$264.00
7/8	13.20 27.50 1.10 ea.	300.00

Pneumatic Caulking Tools

No. 111

Furnished in Round or Differential Shank.
In Ordering Please Specify Hammer Used, Size of Stock
and Shank Desired.



Size Stock	Dozen	Gross
$\frac{3}{4}$	9.12 \$19.00 176 ea	\$206.40
$\frac{7}{8}$	11.04 23.00 192 ea	252.00

Pneumatic Hot Chisels

No. 112

Furnished in Round or Differential Shank.
In Ordering Please Specify Hammer Used, Size of Stock
and Shank Desired.



Size Stock	Dozen	Gross
$\frac{3}{4}$	\$20.00	\$216.00
$\frac{7}{8}$	24.80	268.80

Pneumatic Chisel Blanks

No. 125

Furnished in Round, Hexagon or Differential Shank.
In Ordering Please Specify Hammer Used, Size of Stock
and Shank Desired.



Size Stock	Length	Dozen	Gross
$\frac{3}{4}$	9	6.28 \$15.50	\$168.00
$\frac{7}{8}$	9	8.10 20.00	216.00

40-25-10

Pneumatic Backing Out Punches

No. 151

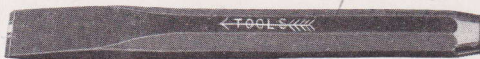


Rivet Size	Dozen	Gross
$\frac{3}{8}$	\$62.00	\$672.00
$\frac{1}{2}$	64.00	696.00
$\frac{5}{8}$	66.00	720.00
$\frac{3}{4}$	68.00	744.00
$\frac{7}{8}$	72.00	780.00
1	74.00	804.00

Flat Chisels

No. 201

3/4" x 1" 40-30 1/2"
5/8" x 1" 40-15"



Size Stock	Length	Dozen	Gross	Price
5/16	6	2.80 1/2 \$ 5.50	23 1/3 ea	\$ 60.00 204 ea
3/8	6	3.06	6.00 25 1/2 ea	64.80 214 ea
1/2	6	4.08	8.00 34	84.00 234 ea
5/8	7	5.10	10.00 42 1/2	108.00 284
3/4	8	5.88	14.00 49	151.20 334
3/4	10	6.99	16.60 58	180.00 394
3/4	12	7.98	19.00 66 1/2	204.00 454
7/8	9	7.98	19.00 66 1/2	204.00 434
7/8	12	9.66	23.00 80 1/2	252.00 554
1	9	10.50	25.00 87 1/2	276.00 604
1	12	13.86	33.00 115 1/2	360.00 694

Cape Chisels

No. 202



*5/8 + under 40-15
3/4 + over 40-30*

Size Stock	Point	Dozen	Gross
5/16	1/8	3.36 \$ 6.60	\$ 72.00
3/8	5/32	3.57 7.00	76.80
1/2	3/16	4.59 9.00	96.00
5/8	1/4	5.61 11.00	120.00
5/8	5/16	5.61 11.00	120.00
3/4	3/8	6.30 15.00	168.00
7/8	1/2	8.40 20.00	216.00
1	5/8	10.92 26.00	288.00

Round Nose Cape Chisels

No. 203



*5/8 + under 40-15°
3/4 + over 40-30°*

Size Stock	Point	Dozen	Gross
5/16	1/8	3.36 \$ 6.60	28 in \$ 72.00
3/8	5/32	3.57 7.00	.29 3/4 76.80
1/2	3/16	4.59 9.00	.38 1/4 96.00
5/8	1/4	5.61 11.00	.46 3/4 120.00
5/8	5/16	5.61 11.00	.46 3/4 120.00
3/4	3/8	6.30 15.00	.52 1/2 168.00
7/8	1/2	8.40 20.00	.70 216.00
1	5/8	10.92 26.00	.91 288.00

Diamond Point Chisels

No. 204

*5/16 + under 40-15"
3/8 + over 40-25"*



Size Stock	Length	Dozen	Gross
5/16	6	3.36 \$ 6.60	.28 \$ 72.00
3/8	6	3.57 7.00	.29 3/4 76.80
1/2	6	4.59 9.00	.38 1/4 96.00
5/8	7	5.61 11.00	.46 3/4 120.00
3/4	8	6.75 15.00	.56 1/4 168.00
7/8	9	9.00 20.00	.75 216.00
1	9	11.70 26.00	.97 1/2 288.00

Rippers

No. 205



40-20%

Size Stock	Length	Dozen
3/4	7	7.20 \$15.00 <i>60 ea</i>

Plow Chisels

No. 206



Size Stock	Length	Dozen
3/4	8	\$14.00

Beading Tools

No. 207

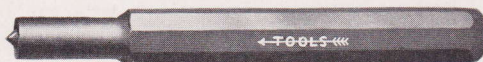
40-25%



Size Stock	Length	Dozen
$\frac{3}{4}$	8	7.20 \$16.00 60.00
$\frac{7}{8}$	8	9.00 \$20.00 75.00

Marking Punches

No. 208



Size Point	Dozen	Gross
$\frac{3}{8}$	\$18.00	\$195.00
$\frac{1}{2}$	18.00	195.00
$\frac{9}{16}$	19.00	204.00
$\frac{5}{8}$	19.00	204.00
$\frac{11}{16}$	21.00	228.00
$\frac{3}{4}$	21.00	228.00
$\frac{13}{16}$	22.00	240.00
$\frac{7}{8}$	22.00	240.00
$\frac{15}{16}$	23.00	250.00
1	23.00	250.00

Center Punches

No. 251

40-20%



Size Stock	Length	Dozen
5/16	6	3.84 \$ 8.00 .32 ea
3/8	6	4.32 9.00 .36 ea
1/2	6	4.80 10.00 .40 ea
5/8	6	5.76 12.00 .48 ea
3/4	6	7.68 16.00 .64 ea
7/8	6	10.56 22.00 .88 ea

Round Nose Centering Chisels

No. 252

40-20%



Size Stock	Length	Dozen
5/16	6	3.84 \$ 8.00 .32 ea
3/8	6	4.32 9.00 .36 ea
1/2	6	4.80 10.00 .40 ea
5/8	7	5.76 12.00 .48 ea
3/4	8	7.68 16.00 .64 ea
7/8	9	10.56 22.00 .88 ea
1	9	11.52 24.00 .96 ea

Solid Punches

No. 253

40-25



Size Stock	Length	Dozen
$\frac{5}{16}$	6	3.60 \$ 8.00 .30 ea
$\frac{3}{8}$	6	4.05 9.00 .33 1/2 ea
$\frac{1}{2}$	6	4.50 10.00 .37 1/2
$\frac{5}{8}$	7	5.40 12.00 .45 ea
$\frac{3}{4}$	8	7.20 16.00 .60 ea
$\frac{7}{8}$	9	9.90 22.00 .82 1/2 ea
1	9	10.80 24.00 .90 ea

Oil Grooving Chisels

No. 254

X



Size Stock	Length	Dozen
$\frac{5}{16}$	6	\$ 8.00
$\frac{3}{8}$	6	9.00
$\frac{1}{2}$	6	10.00
$\frac{5}{8}$	7	12.00
$\frac{3}{4}$	8	16.00
$\frac{7}{8}$	9	22.00
1	9	24.00

Key Drifts

No. 255



Size Stock	Size Key	Dozen
1/2	1/4	\$11.00
1/2	5/16	11.00
5/8	3/8	13.00
5/8	7/16	13.00
3/4	1/2	16.00
7/8	5/8	22.00
1	3/4	27.00
1	7/8	27.00

Stone Points

No. 260



Size Stock	Length	Each
3/4	8	\$ 1.25, 56 in.
3/4	12	1.66, 75 in.
3/4	18	2.17, 98 in.
3/4	24	2.67, 1.20 in.
7/8	18	3.00, 1.35 in.
7/8	24	3.84, 1.73 in.
7/8	30	4.67, 2.10 in.
1	18	4.17, 1.88 in.
1	24	5.00, 2.25 in.
1	30	5.84, 2.63 in.
1	36	6.67, 3.00 in.
1	48	8.34, 3.75 in.



Chisel Bars

No. 261



Size Stock	Length	Each
$\frac{3}{4}$	18	2.17
$\frac{3}{4}$	24	2.67
$\frac{7}{8}$	18	3.00
$\frac{7}{8}$	24	3.84
$\frac{7}{8}$	30	4.67
1	18	4.17
1	24	5.00
1	30	5.84
1	36	6.67
1	48	8.34

Star Drills

No. 275

40-28-0/0



Point	Length	Dozen	Gross
1/4	12	2.70 \$ 6.00 .22 1/2	\$ 64.80
5/16	8	2.97 6.60 .24 3/4	72.00
3/8	8	3.60 8.00 .30	86.40
3/8	12	3.87 8.60 .32 1/4	93.60
1/2	12	4.50 10.00 .37 1/2	108.00
1/2	18	5.40 12.00 .45	129.60
1/2	24	5.85 13.00 .48 3/4	144.00
5/8	12	6.48 14.40 .54	158.40
5/8	18	7.65 17.00 .63 3/4	180.00
5/8	24	8.55 19.00 .71 1/4	204.00
3/4	12	6.75 15.00 .56 1/4	168.00
3/4	18	8.10 18.00 .67 1/2	192.00
3/4	24	9.00 20.00 .75	216.00
7/8	12	8.10 18.00 .67 1/2	199.20
7/8	18	10.80 24.00 .90	264.00
7/8	24	13.95 31.00 1.16 1/4	336.00
1	12	12.15 27.00 1.01 1/4	288.00
1	18	15.30 34.00 1.27 1/2	372.00
1	24	18.90 42.00 1.57 1/2	456.00
1 1/8	12	14.85 33.00 1.23 3/4	360.00
1 1/8	18	18.90 42.00 1.57 1/2	456.00
1 1/8	24	29.70 66.00 2.47 1/2	720.00
1 1/4	12	26.10 58.00 2.17 1/2	636.00
1 1/4	18	29.70 66.00 2.47 1/2	720.00
1 1/4	24	38.25 85.00 3.18 3/4	924.00

Drift Pins

No. 301



No. 302

40-10%



Size		Dozen		Gross
$\frac{7}{16}$	1.57	\$ 2.90	.13 ea	\$ 31.20
$\frac{9}{16}$	1.68	3.10	.14 ea	33.60
$\frac{11}{16}$	1.78	3.30	.15 ea	36.00
$\frac{13}{16}$	1.94	3.60	.16 ea	39.60
$\frac{15}{16}$	2.38	4.40	.20 ea	48.00
$1\frac{1}{8}$	Special	✓ 11.00		120.00
$1\frac{1}{4}$	"	✓ 14.00		156.00
$1\frac{3}{8}$	"	✓ 17.60		192.00

Tongs

No. 311



40-10

Pick up 18"
Heater 24"
Heater 36"

	Dozen	
8.64	\$16.00	.72 ea
10.80	20.00	.90 ea
11.88	22.00	.99 ea

Structural Wrenches

No. 321



For U. S.
Standard Nuts;
Bolt Sizes

$\frac{3}{8}$

$\frac{1}{2}$

$\frac{5}{8}$

$\frac{3}{4}$

$\frac{7}{8}$

1

Length

9

11

13

15

17

19

Dozen

\$ 14.00 .52 1/2

20.00 .75 1/2

22.00 .82 1/2

25.00 .93 3/4

33.00 1.23 3/4

40.00 1.50

6.30

9.00

9.90

11.25

14.85

18.00

Cold Cutters

No. 401



Size Stock

Dozen

Gross

1 1/4 Square

17.82 \$44.00

1.48 1/2

\$480.00

1 1/2 Square

20.75 50.00

1.68 3/4

540.00

1 3/4 Square

5 lb. 29.16 72.00

2.43

780.00

1 3/4 Square

7 lb. 33.62 83.00

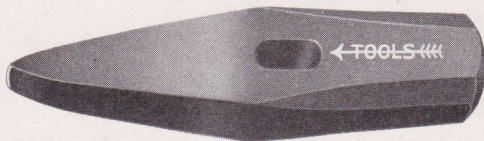
2.80

900.00

Track Chisels

No. 402

40-25%



Lbs.
5

Dozen
32.40 \$72.00 2.70

Gross
\$780.00

Hot Chisels

No. 403



40-25%

Size Stock
1 1/4 Square
1 1/2 Square

Dozen
19.80 \$44.00 1.65
22.50 50.00 1.87 1/2

Gross
\$480.00
540.00

Side Sets

No. 404



40-25%

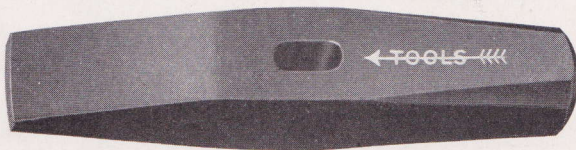
Size Stock
1 1/4 Square
1 1/2 Square
1 3/4 Square 5 lb

Dozen
19.80 \$44.00 1.65
22.50 50.00 1.87 1/2
32.40 72.00 2.70

Gross
\$480.00
540.00
780.00

Cross-Eye Side Sets

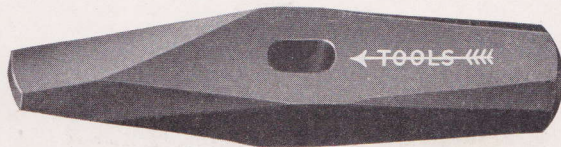
No. 405



Size Stock	Dozen	Gross
1 $\frac{1}{4}$ Square	\$44.00	\$480.00
1 $\frac{1}{2}$ Square	50.00	540.00
1 $\frac{3}{4}$ Square 5 lb.	72.00	780.00

Half Cross-Eye Side Sets

No. 406



Size Stock	Dozen	Gross
1 $\frac{1}{4}$ Square	\$44.00	\$480.00
1 $\frac{1}{2}$ Square	50.00	540.00
1 $\frac{3}{4}$ Square 5 lb.	72.00	780.00

Square Nose Rivet Busters

No. 407



Round Nose Rivet Busters

No. 408



Size Stock	Dozen	Gross
1 1/4 Square	\$44.00	\$480.00
1 1/2 Square	50.00	540.00
1 3/4 Square 5 lb.	72.00	780.00

Backing Out Punches

No. 425



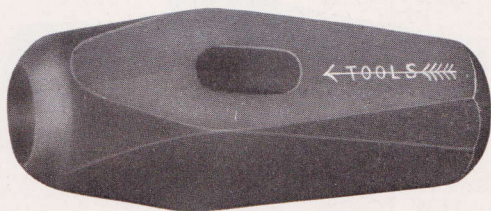
Rivet Size	Dozen	Gross
3/8	14.40 \$32.00 1.20	\$348.00
1/2	15.30 34.00 1.27 1/2	372.00
5/8	18.00 40.00 1.50	432.00
3/4	19.80 44.00 1.65	480.00
7/8	22.05 49.00 1.83 3/4	540.00
1	23.85 53.00 1.98 3/4	576.00

40-2570

Rivet Snaps

Cone and Button Head

No. 431



Rivet	Each	Dozen
$\frac{1}{2}$	\$4.25	\$46.00
$\frac{5}{8}$	4.42	48.00
$\frac{3}{4}$	4.58	50.00
$\frac{7}{8}$	5.00	54.00

Boiler Makers' Hammers

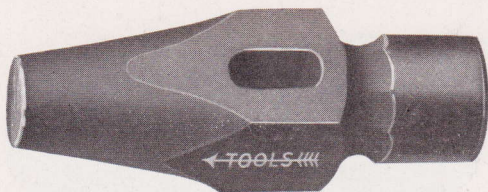
No. 501



Lbs.	Each	Dozen
$2\frac{1}{2}$	\$4.75	\$52.00

Plugging Hammers

No. 502



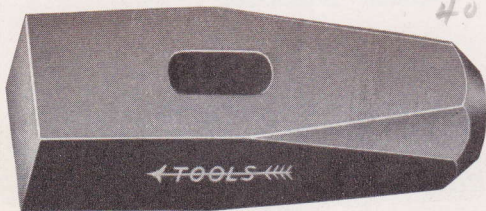
Lbs.
2 1/2

Each
\$4.17

Dozen
\$45.00

Set Hammers

No. 503



Size Stock

1 1/2 Square

Dozen

\$47.00

1.88

Gross

\$516.00

Engineers' Hammers

No. 504



40-20%

Lbs.
2 1/2
4

Each
\$3.75 1.80
5.50 2.44

Dozen
\$41.00 1.64
60.00 2.40

Bridge Builders' Hammers

No. 505

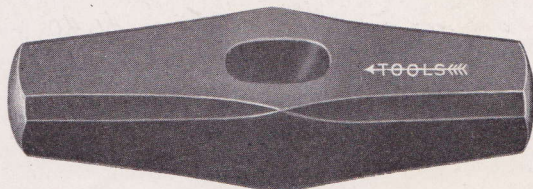


Lbs.
4

Each
\$5.67

Dozen
\$62.00

No. 506



Lbs.
4 1/2

Each
\$6.08

Dozen
\$66.00

Flogging Hammers

No. 510

40-2590



Lbs.	Each	Dozen
2 1/2	\$4.00 1.80	19.35 \$43.00 1.61 1/4
3	4.25 1.91	20.70 46.00 1.72 1/2
4	5.17 2.33	25.20 56.00 2.10
5	6.25 2.81	30.60 68.00 2.55
6	7.08 3.19	34.65 77.00 2.88 3/4
7	8.34 3.75	41.40 92.00 3.45
8	9.17 4.13	45.00 100.00 3.75
10	11.42 5.14	56.25 125.00 4.68 3/4

Sledges

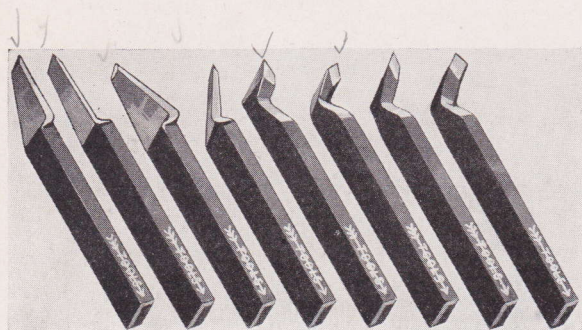
No. 520

40-25%



Lbs.	Each	Dozen
5	\$6.25 2.81	30.60 \$ 68.00 2.55
6	7.08 3.19	34.65 77.00 2.88 3/4
7	8.34 3.75	41.40 92.00 3.45
8	9.17 4.13	45.00 100.00 3.75
10	11.42 5.14	56.25 125.00 4.68 3/4

Carbon Lathe Tools

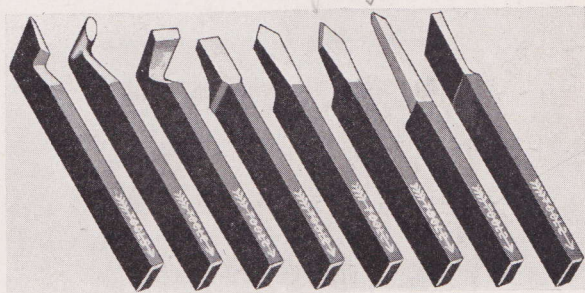


1 2 3 4 5 6 7 8

No.

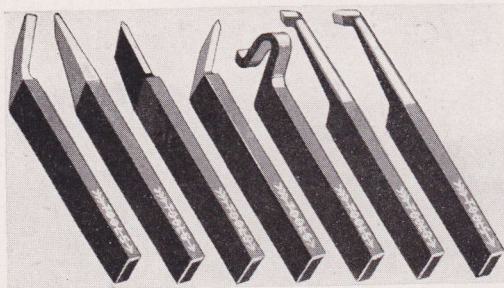
- 1 Left Side Tool
- 2 Right Side Tool
- 3 Left Side Tool Offset
- 4 Right Side Tool Offset
- 5 Heavy Diamond Point
- 6 Diamond Point Offset
- 7 Right Hand Diamond Point
- 8 Left Hand Diamond Point

Carbon Lathe Tools



- | | | | | | | | | |
|-----|--------------------|-----------------|-------------------|--------------|---------------------------|----------------|----------|--------------|
| No. | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| | Half Diamond Point | Round Nose Tool | Water Finish Tool | Forming Tool | Grooving or Shoulder Tool | Centering Tool | Die Tool | Cut-off Tool |

Carbon Lathe Tools



17 18 19 20 21 22 23

No.

- 17 Cut-off Tool Offset
- 18 Round Nose Brass Tool
- 19 Outside Threading Tool
- 20 Outside Threading Tool Offset
- 21 Spring Tool
- 22 Inside Boring Tool
- 23 Inside Threading Tool

Size Stock

Length

Dozen

$\frac{5}{16} \times \frac{5}{8}$	$4\frac{3}{4}$	\$ 9.00
$\frac{3}{8} \times \frac{3}{4}$	5	12.00
$\frac{1}{2} \times 1$	7	20.00
$\frac{5}{8} \times 1\frac{1}{4}$	9	27.00
$\frac{3}{4} \times 1\frac{1}{2}$	12	57.00
1x2	14	100.00

Prices on High Speed Tools on application.

Redressing

IT is equally as difficult to redress old tools as forge new ones.

The fine quality of ARROW TOOLS is the result of workmanship on good tool steel. We do not find it necessary to use extraordinary grades of material, neither have we any secret processes. Tool making is not a side issue in this plant; our entire time, attention and capital are devoted to it, and we have found that "trifles make perfection, although perfection is no trifle." If our customers could make it profitable to work tool steels with the same care we exercise, they could not only redress ARROW TOOLS successfully but equal them from raw material.

Owing to the fact that tools sent us for redressing are usually in small lots and made up of a variety of sizes and shapes, such work is rather unprofitable, but knowing that customers cannot obtain the full value of ARROW TOOLS otherwise, we are willing to undertake it for them at the following net prices per dozen:

Pneumatic Chisels	$\frac{7}{8}$ " and under,	\$3.60
Hand Chisels	1" " "	2.40
Star Drills	$\frac{3}{4}$ " " "	4.20
Cold Cutters, etc.	$1\frac{1}{2}$ " square	7.20

Prices on applications
 @ 40-25% .13 1/2
 .09
 .15 3/4
 27

ARROW TOOLS, with proper care, will last a long time, and our customers would find it economical to carry in stock sufficient quantities to allow them to send tools back to us for redressing.

PRESS OF
P. F. PETTIBONE & CO.
CHICAGO

